



DESS

> DENTAL SMART SOLUTIONS



Catalogue
ELLIPTIBase® 2023

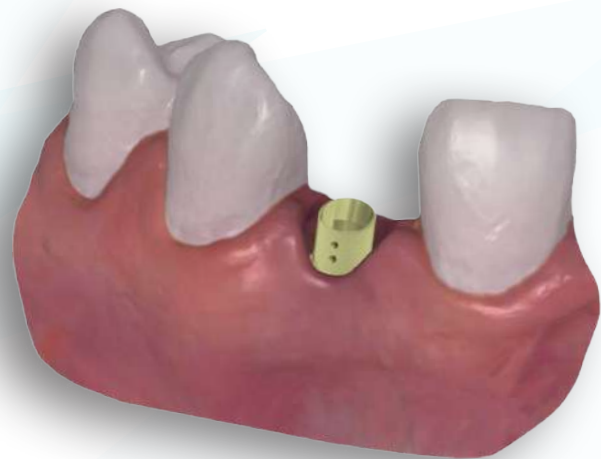


Tight spaces not a problem

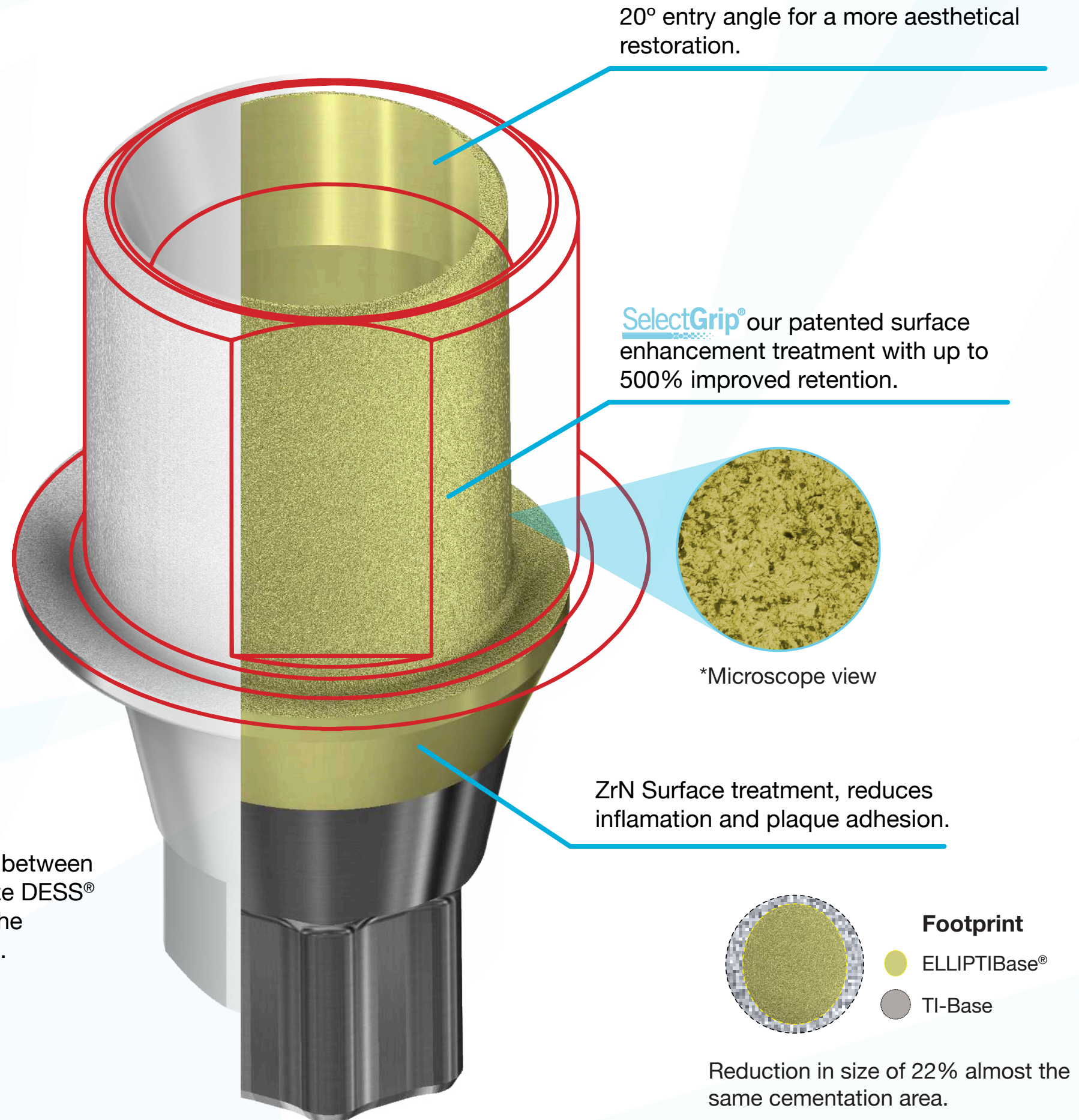
Restorations in positions where the interdental space is limited, have always been challenging, up until now, existing solutions would mean making sacrifices. Either because of the lack of space for the correct amount of restorative material or when it comes to achieving the best aesthetic result.

ELLIPTIBase® has been specially designed to solve these problems.

The elliptical design allowed us to increase the space for restorative material, whilst maintaining almost the same cementation area.



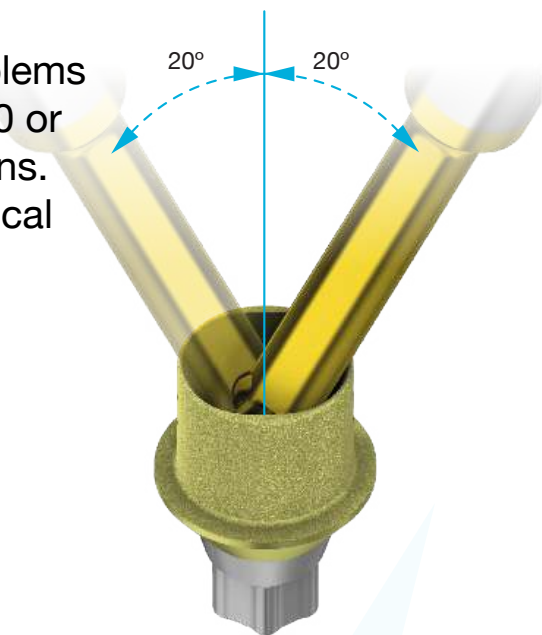
Comparison between a standard size DESS® TI-Base and the ELLIPTIBase®.



Aesthetic Advantages

The DESS® ELLIPTIBase® addresses all those problems that arise when working on restorations where a 3.0 or 3.5 implant is used, particularly the incisors positions. These restorations require for an improved aesthetical result and a strong restoration.

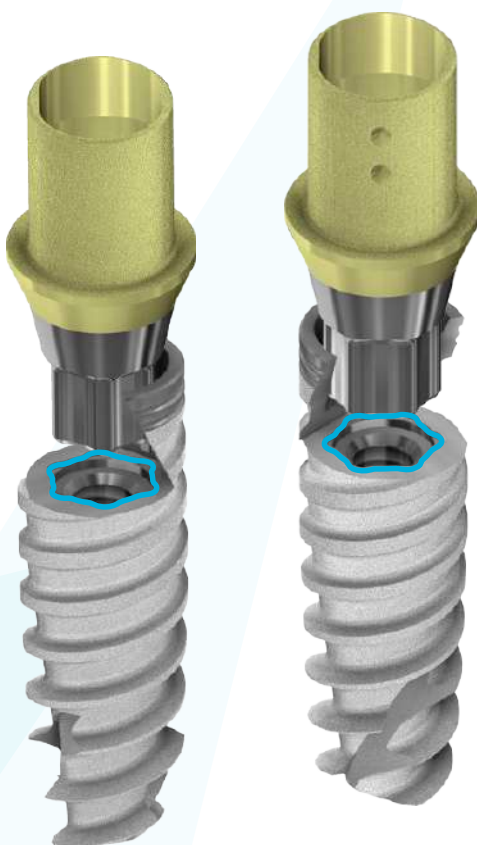
The 20° angulation on the access channel, combined with a lower shaft height will allow you to achieve the best aesthetical results without compromise.



Corner vs. Flat

Due to the shape of the ELLIPTIBase® we created corner and flat versions that depending on the orientation in which the implant has been placed, can be used to achieve the best result.

On any given hex connection the angle is of 45°, the corner connection would aid reducing the final angle of the shaft.™

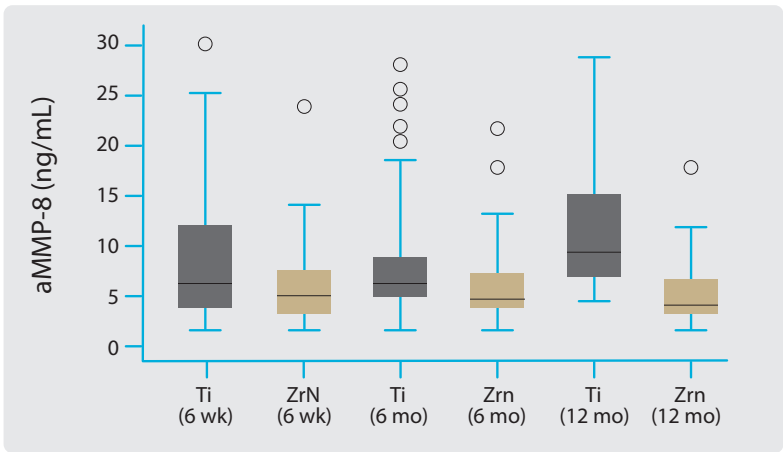


Shaft orientation
Implant position

Surface Technology

The zirconium nitride surface treatment improves the overall meachanical resistance of the ELLIPTIBase® whilst reducing inflammation and plaque adhesion, offering better biocompatibility with the gums.

- Reduces plaque adhesion
- Decreases inflammation






a MMP-8* values of fluid from peri-implant sulcus in titanium (Ti) and Zirconium Nitride (ZrN) coated attachments at different times after prosthetic restoration.




(Matrix Metalloproteinase-8 Levels in Peri-implant Sulcus Fluid Adjacent to Titanium and Zirconium Nitride Surface, Richard Meissen, MSc1 Mariana Mintcheva, MSc1 Lutz etuschil, PhD Dr2, Int J Periodontics Restorative Dent 2014; 34:91-95. doi: 10.11607/prd.1504)

* Presence of MMP-8 indicates an ongoing inflammation






NobelActive® NobelReplace® CC			3.0	NP	RP	WP
Active Hex			3.0	3.5	4.3/5.0	5.5
	A corner		56.068			
	B flat		57.068			
	Torx® Screw ELLIPTIBase®		19.468			






Straumann® Soft Tissue level & synOCTA®			NNC			
Octagon			3.5			
	A corner		56.070			
	B flat		57.070			
	Torx® Screw ELLIPTIBase®		19.441			






Straumann® Bone level®			NP			
Conical BL			NC/3.3			
	A corner		56.043			
	B flat		57.043			
	Torx® Screw ELLIPTIBase®		19.443			






Zimmer® Screw-vent			NP			
Internal Hex USA			3.5			
	A corner		56.017			
	B flat		57.017			
	Torx® Screw ELLIPTIBase®		19.417			



Astra Tech implant system™ EV			EV/3.0	EV/3.6	EV/4.2	EV/4.8	EV/5.4
Conic EVO			3.0	3.6	4.2	4.8	5.4
	A corner		56.406				
	B flat		57.406				
	Torx® Screw ELLIPTIBase®		19.331				



Biohorizons® internal			3.0	NP	RP	WP
Internal hex BH			3.0	3.5	4.5	5.7
	A corner		56.099			
	B flat		57.099			
	Torx® Screw ELLIPTIBase®		19.400			

All DESS products are manufactured according to ISO 9001 and ISO 13485 with CE marking for all products Class IIb

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